ROBERT H. RUGGERI
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P. O. Box 310
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125 NORTH MAIN

ROBERT H. RUGGERI

TELEPHONE: 259-5641

August 27, 1982

Department of Health
150 West North Temple
P. O. Box 2500
Salt Lake City, Utah 84110

Attention: Steven R. McNeal

RE: Red Rock Mine
Mine Water Discharge
ACT/037/050

Dear Mr. McNeal:

Reference is made to your letter addressed to Clayton Stocks, S & S Mining Company, Box 907, Moab, Utah, relative to the above entitled matter and to the meeting we had at 4241 State Office Building in Salt Lake City on August 11, 1982. At that meeting S & S Mining Company filed its amended and revised Notice of Intention to Commence Mining Operations and a Mining and Reclamation Plan with the Department of Natural Resources and furnished you with the information it had available relative to water quality and analysis, in keeping with your "Draft of Guide-lines For the Establishment of Surface and Ground Water Monitoring."

If you recall the only information we had relative to an analysis report had been received by telephone and reduced to a handwritten document. I believe that a copy of that document was furnished you, but I may be in error in this regard.

In any event S & S Mining Company has now received a detailed analysis from the Colorado Analytical Laboratory, a copy of which is enclosed herewith.

I am not familar with the procedure that I should follow now in order to obtain a permit. I would appreciate it very much if you would advise me what the next requirement is in order to fully comply with your requirements.

Sincerely,

Robert H. Ruggeri

RHR:jj
Encl.
1 cc: Division of Natural Resources

COLORADO ANALYTICAL LABORATORY
ANALYSIS REPORT

260 South First Avenue
Brighton, Colorado 80601

Phone 659-2313

REPORT TO S & S Mining
So. HWY 163
Moab, UT 84532
ATTN: ROBIN GROFF

LAB. NO. I-5911

DATE RCVD. 8-5-82

BILL TO

COMPLETED 8-11-82

SAME

SPECIAL SERVICE Call Results

ANALYSIS REQUESTED:

Red Rock Mine Water Sample for Utah monitoring program.

CERTIFICATE OF ANALYSIS:

ANALYSIS ATTACHED

ANALYST

CHARGES

PRIORITY SAMPLE $380.00

NO SEPARATE BILLING WILL BE RENDERED – PAYABLE 10TH PROXIMO

TOTAL DUE $380.00

WATER QUALITY
LAB ANALYSIS REPORT FORM

Company or Operator: _____

Site: _____ Spring/stream/well/other

Date Collected: _____ Time Collected: _____

Date(s) Analysis(es) Completed: _____

Specific Conductance (mhos/cm at 25° C): 2610

Total Suspended Sediment (mg/l): 12 Lab pH: 8.2

Turbidity (jtu): 3 Total Dissolved Solids (mg/l) 2136

Total $CaCO_3$: * 229 Total Organic Carbon (mg/l) 120

Oil and Grease (mg/l): <5

	Dissolved mg/l		Total mg/l	Dissolved mg/l
Carbonate (CO_3)	0	Aluminum (Al)	6	6
Bicarbonate (HCO_3)	280	Iron (Fe)	.13	.06
Chloride (Cl)	72	Manganese (Mn)	.06	.05
Sulfate (SO_4)	1144	Cadmium (Cd)		<.01
Calcium (Ca)	200	Copper (Cu)		<.01
Magnesium (Mg)	117	Lead (Pb)		<.01
Sodium (Na)	210	Zinc (Zn)		.02
Potassium (K)	13	Chromium (Cr)		<.1
Fluoride (F)	.24	Mercury (Hg)		<.001
Nitrate (NO_3) + N	1.0	Selenium (Se)		.08
Orthophosphate (PO_4)	.02	Vanadium (V)		<.1
Boron (B)	.32	Cyanide		<.01
Nickel (Ni)	<.01			
Arsenic (As)	.11			
Barium (Ba)	<1			

*Total Alkalinity ($CaCO_3$ eq)

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